

This Form Based on PTO/SB/21

**TRANSMITTAL
FORM**


(to be used for all correspondence after initial filing)

Application Number	10/717,468
Filing Date	November 21, 2003
First Named Inventor	NATSUME et al.
Group Art Unit	3662
Examiner Name	
Attorney Docket Number	11-205

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request of Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): PTO-1449 Form with 6 references
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	David G. Posz (Reg. No. 37,701) Posz & Bethards, PLC
Signature	
Date	April 20, 2004

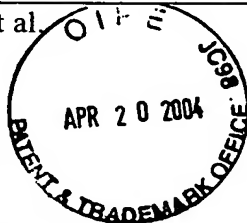
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): NATSUME et al.

Serial No.: 10/717,468

Filed: November 21, 2003

Title: APPARATUS FOR DETECTING
DIRECTION OF TARGET USING
DIFFERENCE IN PHASE OF RADIO
WAVE SIGNALS RECEIVED THROUGH
PLURAL CHANNELS



Atty. Dkt.: 11-205

Group Art Unit: 3662

Examiner: Unknown

Commissioner for Patents
Arlington, VA 22202

Date: April 20, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the references listed on the attached Form PTO-1449 are being submitted for consideration by the Examiner without any admission that they constitute statutory prior art, or without any admission that they contain subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

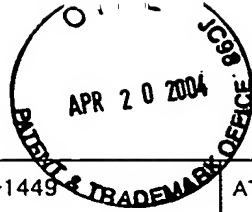
Although no fees are believed to be due at this time, it is respectfully requested that any such fees be charged to Deposit Account 50-1147. Also, the Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed references have been considered and made of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "D. Posz".

David G. Posz
Reg. No. 37,701

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Form PTO-1449

PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

11-205

SERIAL NO.

10/717,468

APPLICANT

Kazuma NATSUME et al.

FILING DATE

11/21/03

GROUP

3662

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
		6,246,359	6/12/01	Asano et al. (corres. to WO 99/34234)		

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
		WO99/34234	7/8/99	PCT			
		2-290574	11/30/90	Japan		X	
		9-178839	7/11/97	Japan		X	
		10-206516	8/7/98	Japan		X	
		2000-230974 (discussed in page 2 of the spec.)	8/22/00	Japan			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	

EXAMINER:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.